WHAT IS CLAIMED IS:

- An optical recording medium involving a guide groove
- 2 wherein the guide groove is allowed to meander over substantially
- 3 the whole length thereof to form wobble, and wobbled intermittent
- 4 sections where there is no meandrous area are placed at
- 5 predetermined positions in said wobble, comprising:
- a first wobbled intermittent section for determining
- 7 reference position being disposed at at least one reference
- 8 position in said optical recording medium; and
- 9 furthermore, a second wobbled intermittent section being
- 10 disposed selectively at each predetermined position apart from
- 11 each reference position by a predetermined distance.
- 2. An optical recording medium involving a guide groove
- 2 wherein the guide groove is allowed to meander over substantially
- 3 the whole length thereof to form wobble, and wobbled intermittent
- 4 sections where there is no meandrous area are placed at
- 5 predetermined positions in said wobble, comprising:
- a first wobbled intermittent section for determining
- 7 reference position being disposed at at least one reference
- 8 position in said optical recording medium; and
- 9 furthermore, third wobbled intermittent sections being
- 10 disposed selectively at at least one predetermined position
- 11 apart from each reference position by each predetermined
- 12 distance differing from one another.
- 3. An optical recording medium involving a guide groove

- 2 wherein the guide groove is allowed to meander over substantially
- 3 the whole length thereof to form wobble, and wobbled intermittent
- 4 sections where there is no meandrous area are placed at
- 5 predetermined positions in said wobble, comprising:
- a first wobbled intermittent section for determining
- 7 reference position being disposed at at least one reference
- 8 position in said optical recording medium; and
- 9 furthermore, fourth wobbled intermittent sections each
- 10 having a different length from one another being disposed
- 11 selectively at each predetermined position apart from each
- 12 reference position by a predetermined distance.
- 1 4. An optical recording medium as claimed in claim 1,
- 2 wherein:
- 3 said first, second, third, or fourth wobbled intermittent
- 4 section has a length corresponding to natural number-fold of a
- 5 half cycle of the part other than said wobbled intermittent
- 6 section in said wobble.
- 5. An optical recording medium as claimed in claim 2,
- 2 wherein:
- 3 said first, second, third, or fourth wobbled intermittent
- 4 section has a length corresponding to natural number fold of a
- 5 half cycle of the part other than said wobbled intermittent
- 6 section in said wobble.
- 6. An optical recording medium as claimed in claim 3,
- 2 wherein:

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- said first, second, third, or fourth wobbled intermittent
- 4 section has a length corresponding to natural number-fold of a
- 5 half cycle of the part other than said wobbled intermittent
- 6 section in said wobble.

 \uparrow) \downarrow 7. A method for recording and reading signals with respect

- 2 to an optical recording medium claimed in any one of claims 1
- 3 through 6, comprising the steps of:
- 4 detecting a first wobbled intermittent section for
- 5 determining reference position placed at at least one reference
- 6 position in said optical recording medium from push-pull signals
- 7 detected from wobble;
- 8 thereafter, detecting a wobbled intermittent section or
- 9 wobbled intermittent sections other than said first wobbled
- 10 intermittent section each of which is selectively disposed at
- 11 a predetermined position apart from said reference position by
- 12 a predetermined distance; and
- utilizing information which has been recorded in said
- 14 wobbled intermittent section or sections other than said first
- 15 wobbled intermittent section to record or read said signals with
- 16 respect to said optical recording medium.
- 8. A method for recording and reading signals with respect
- 2 to an optical recording medium as claimed in claim 7, wherein:
- 3 the signals represented by said wobbled intermittent
- 4 sections are detected by means of two comparators in each of which
- 5 the upper limit is compared with the lower limit with respect
- 6 to said push pull signals as well as of reference signals in

7 synchronous with wobble signals.

- 9. A method for recording and reading signals with respect
- 2 to an optical recording medium as claimed in claim 7, wherein:
- one of said two comparators detects a first level or higher
- 4 levels of said push-pull signals, the other comparator detects
- 5 a second level or lower levels of said push pull signals, and
- 6 the detection signals obtained from these comparators are
- 7 compared with said reference signals, whereby signals from the
- 8 wobbled intermittent sections are detected.
- 1 10. A method for recording and reading signals with respect
- 2 to an optical recording medium as claimed in claim 8, wherein:
- 3 one of said two comparators detects a first level or higher
- 4 levels of said push-pull signals, the other comparator detects
- 5 a second level or lower levels of said push-pull signals, and
- 6 the detection signals obtained from these comparators are
- 7 compared with said reference signals, whereby signals from the
- 8 wobbled intermittent sections are detected.
- 1 11. A method for recording and reading signals with respect
- 2 to an optical recording medium as claimed in claim 8, wherein:
- 3 each cycle of said reference signals corresponds to each
- 4 half cycle of said push pull signals.
- 1 12. A method for recording and reading signals with respect
- 2 to an optical recording medium as claimed in claim 9, wherein:
- 3 each cycle of said reference signals corresponds to each

4 half cycle of said push-pull signals.

- 1 13. A method for recording and reading signals with respect
- 2 to an optical recording medium as claimed in claim 10, wherein:
- 3 each cycle of said reference signals corresponds to each
- 4 half cycle of said push-pull signals.

(14. A device for recording and reading signals with respect

- 2 to an optical recording medium claimed in any one of claims 1
- 3 through 6, comprising:
- a first wobbled intermittent section for determining
- 5 reference position placed at at least one reference position in
- 6 said optical recording medium from push pull signals detected
- 7 from wobble;
- a wobbled intermittent section detecting section for
- 9 detecting a wobbled intermittent section or wobbled intermittent
- 10 sections other than said first wobbled intermittent section each
- of which is selectively disposed at a predetermined position
- 12 apart from said reference position by a predetermined distance;
- 13 and
- a control section for taking out information, which has been
- 15 recorded in said wobbled intermittent section or sections other
- 16 than said first wobbled intermittent section, based on detection
- 17 signals from said wobbled intermittent section detecting section
- and utilizing said information thereby to record or read signals
- 19 with respect to said optical recording medium.

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